

### 3<sup>rd</sup> Harmonic Monday Meeting Minutes

**Date:** August 28, 2006

**Time:** 9:30 A.M.

**Place:** Trailer 157 Conference Room

Attendees (P=Present):

C. Antoine		C. Cooper	P	E. Harms	P	A. Rowe	P
T. Arkan	P	N. Dhanaraj		T. Khabiboulline		N. Solyak	
L. Bellantoni	P	H. Edwards		D. Mitchell	P	W-D Moeller	P
C. Boffo		M. Foley	P	D. Olis	P	G. Wu	P
H. Carter	P	C. Ginsburg		P. Pfund	P	Sergio	P

Minutes recorded by Dan

Minutes are posted at: [http://tdserver1.fnal.gov/dolis/39GHz\\_minutes.html](http://tdserver1.fnal.gov/dolis/39GHz_minutes.html)

3.9GHz Project page is: [www-a0.fnal.gov](http://www-a0.fnal.gov)

#### Meeting Minutes

HOM bodies

- Waiting for feedback from Timer on current design before proceeding with fabrication.
- Mike reports that Salman Tariq has been pulled, or will soon be pulled, from all 1.3 and 3.9GHz work by AD for SNUMI(?). Salman was working on FEA of HOM body heating. Currently, the work continues by Sergio, a student.

Cavity-3

- First visual inspection of interior and HOM bodies is good.
- Currently in IB-4 for inspection. This may take one week.

Input Couplers

- Dan and W-D Moeller will visit CPI tomorrow to discuss couplers that failed QC.
- One coupler installed on cavity-1 for room temperature coupling test of antenna to cavity. Wolf-Deitrich reports he sent test results to Timer. He hasn't heard a response yet.
- W-D suggests that as a first test, coupler test stand be assembled, without vacuum, at IB4 for low level RF test. Dan will work with A0 tech's to do this.
- Elvin estimates that 2-3 weeks of effort required at A0 until infrastructure is complete for high power coupler processing.

MDL Operation

- Charlie reports current plan is to mix acid 8/29 and to etch 8/30 but he is waiting for permission from Romesh. Tim Miller, FNAL industrial hygienist, is in charge of review panel.

Other Business

- Allan reports that A0 has many tasks to do and is planning activities around priority of continued progress on cavity-3. Cleanroom HEPA units and high pressure rinse will be upgraded toward end of this week. Two technicians are helping with CC2 work at MESON and one is helping with horizontal test at MESON. He hopes that vacuum carts will be assembled by end of this week.